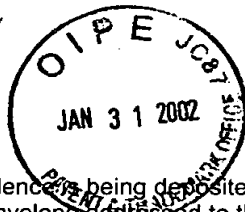


Docket No.: RWS-80019



JC10 Rec'd PCT/PTO 31 JAN 2002

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By: 2 p. ~~~~~

Date: 12/11/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hugo Streekstra et al.  
Applic. No. : 09/936,316  
Filed : September 10, 2001  
Title : Sphingoid Base Derivatives and Uses Thereof

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INFORMATION DISCLOSURE STATEMENT

TECH CENTER 1600/2900

Hon. Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

United States Patent No. 5,723,497 (Ohashi et al.), dated March 3, 1998;

European Patent Application EP 0 373 038 A2 and A3 (Della Valle et al.), dated June 13, 1990;

British Patent Application GB 2 323 594 A (Martin et al.), dated September 30, 1998;

International Publication WO 90/07571 (Merrill et al.), dated July 12, 1990;

International Publication WO 93/20038 (Smeets et al.), dated October 14, 1993;

International Publication WO 98/49999 (Lambers et al.), dated November 12, 1998;

Shapiro, D. et al.: "The Total Synthesis of Sphingosine", Journal of the American Chemical Society, Vol. 80, 1952, pp. 1194-1197, XP-002140009;

Stanacev, Nikola Z. et al.: "Studies on the Chemistry of Mucolipids: Occurrence of the Long-Chain Icosisphingosine, Composition of Fatty Acids, Fractionation Attempts", Biochimica et Biophysica Acta, Vol. 98, 1965, pp. 168-181, XP-000914314;

Kisic, A. et al.: "Studies in the Sphingolipids Series, XXXIL. Synthesis and Resolution into Optical Antipodes of C<sub>20</sub>-Phytosphingosine", Chem. Phys. Lipids, Vol. 7, 1971, pp. 135-143, XP-000914282;

Sticht, G. et al.: "Chemical Synthesis of D,L-3-Dehydrosphinganine, its C<sub>14</sub>-, C<sub>16</sub>- and C<sub>20</sub>-Homologues and the Resolution into the Enantiomeric Forms", Chem. Phys. Lipids Vol. 8, 1972, pp. 10-25, XP-000914283;

Abrahamsson, Sixten et al.: "Molecular Arrangements in Glycosphingolipids", Chem. Phys. Lipids, Vol. 8, 1972, pp. 152-179, XP-000920601;

Rubino, Federico Maria et al.: "Characterization of Sphingosine Long-Chain Bases by Fast Atom Bombardment and High-Energy Collision-Induced Decomposition Tandem Mass Spectrometry", Organic Mass Spectrometry, Vol. 27, 1992, pp. 1357-1364, XP-000914394;

Prostenik, M. et al.: "Studies In The Sphingolipids Series-XXIV Synthesis of C<sub>18</sub>-Phytosphingosine", Tetrahedron, Vol. 21, 1965, pp. 651-655, XP-002140010;

International Search Report dated July 6, 2000.

Respectfully submitted,



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Reg. No. 43,248

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PATENT AND TRADEMARK OFFICE

Attorney Docket No.:

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Applicant

Hugo Streekstra et al.

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(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,723,497	03/03/98	Ohashi			
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	J	0 373 038 A2,A3	06/13/90	Europe			X
	K	2 323 594 A	09/30/98	Great Britain			X
	L	WO 90/07571	07/12/90	WIPO			X
	M	WO 93/20038	10/14/93	WIPO			X
	N	WO 98/49999	11/12/98	WIPO			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

O	Shapiro, D. et al.: "The Total Synthesis of Sphingosine", Journal of the American Chemical Society, Vol. 80, 1952, pp. 1194-1197, XP-002140009
P	Stanacev, Nikola Z. et al.: "Studies on the Chemistry of Mucolipids: Occurrence of the Long-Chain Icosisphingosine, Composition of Fatty Acids, Fractionation Attempts", Biochimica et Biophysica Acta, Vol. 98, 1965, pp. 168-181, XP-000914314

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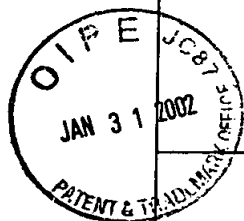
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P	Sticht, G. et al.: "Chemical Synthesis of D,L-3-Dehydrosphinganine, its C <sub>14</sub> -, C <sub>16</sub> - and C <sub>20</sub> -Homologues and the Resolution into the Enantiomeric Forms", Chem. Phys. Lipids Vol. 8, 1972, pp. 10-25, XP-00914283

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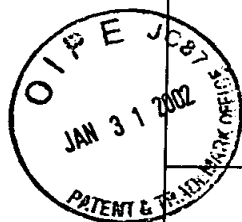
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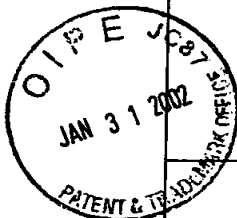
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